U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE

CPI-013DCNDVRCE

09/752,145

LIST OF PUBLICATIONS CITED BY APPLICANT (Use several sheets if necessary)

King, K. et al.

APPLICANT

December 29, 2000

GROUP 1646

SERIAL NO.

U.S. PATENT DOCUMENTS

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| | EXAMINER (FT) L | | DOCUMENT NUMBER | DATE | NAME | CLASS | SUBCLASS | IF G DATE OF THE COLUMN THE COLUM |
| P | ~~\ | A1 | 4,546,082 | 10/85 | Kurjan et al. | 435 | 172.3 | 29 |
| | V | A2 | 4,615,974 | 10/86 | Kingsman et al. | 435 | 68 | 8 |
| | V | А3 | 4,775,622 | 10/88 | Hitzeman et al. | 435 | 68 | |
| | 2 | A4 | 4,797,359 | 01/89 | Finkelstein | 435 | 68 | |
| | | A5 | 4,865,989 | 09/89 | Hitzeman et al. | 435 | 320 | |
| | 2 | A6 | 4,876,197 | 10/89 | Burke et al. | 435 | 172.3 | |
| | | A7 | 4,880,734 | 11/89 | Burke et al. | 435 | 68 | |

FOREIGN PATENT DOCUMENTS

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| L | | | | | | | YES | NO |
| 7 | A8 | 0 123 544 | 10/84 | EPO | | | | |
| ~ | A9 | WO 90/05780 | 05/90 | PCT | | | | |
| | A10 | WO 91/01379 | 02/91 | PCT | | | | |
| | -A11 | WO 91/12273 | 08/91 | PCT | | | | |

OTHERS (including Author, Title, Date, Pertinent Pages, Etc.)

| V | A12 | | Bouvier, M. et al. "Expression of a Human cDNA Encoding the β ₂ -Adrenergic Receptor in Chinese Hamster Fibroblasts (CHW): Functionality and Regulation of the Expressed Receptors," <i>Molecular Pharmacology</i> 33:133-139 (1987) | | | | | | | |
|---|--|---|---|--|--|--|--|--|--|--|
| Ì | A13 | | Bunzow, J. et al. "Cloning and Expression of a Rat D ₂ Dopamine Receptor cDNA," <i>Nature</i> 336:783-787 (1988) | | | | | | | |
| 2 | A14 | Burkholder et al. "The yeast α-factor receptor: structural properties deduced from the sequence of the STE2 gene," Nucleic Acids Research 13(23):8463-8475 (1985) | | | | | | | | |
| 2 | Chen, William S. et al. "Requirement for Intrinsic Protein Tyrosine Kinase in the Immediate and Late Actions of the EGF Receptor," <i>Nature</i> 328(27):820-823 (1987) | | | | | | | | | |
| | Chen, Y. et al. "Shc Adaptor Proteins are Key Transducers of Mitogenic Signaling Mediated by the G Protein-coupled Thrombin Receptor," <i>The EMBO Journal</i> 15(5):1037-1044 (1996) | | | | | | | | | |
| 2 | A17 | | Collins, Sheila et al. "cAMP Response Element In The β ₂ -Adrenergic Receptor Gene Confers Transcriptional Autoregulation by cAMP," <i>The Journal of Biological Chemistry</i> 265(31):19330-19335 (1990) | | | | | | | |
| 2 | Collins, Sheila et al. "cAMP Stimulates Transcription of the β ₂ -adrenergic Receptor Gene In Response To Short-Term Agonist Exposure," <i>Proc. Natl. Acad. Sci. USA</i> 86:4853-4857 (1989) | | | | | | | | | |
| 2 | A19 | | Colton, Douglas et al. "Development of An Assay for H ₂ -Receptor Antagonists Using Isolated Fat Cells," Journal of Pharmacological Methods. 3:253-266 (1980) | | | | | | | |
| \ \ | Comb, Michael et al. "A Cyclic AMP-And Phorbol Ester-Inducible DNA Element," <i>Nature</i> 323(25):353-356 (1986) | | | | | | | | | |
| ~ | Condorelli, D.F. et al. "Induction of Protooncogene FOS by Extracellular Signals in Primary Glial Cell Cultures," <i>Journal of Neuroscience Research</i> 23:234-239 (1989) | | | | | | | | | |
| Examiner To La U1 Date Considered 5-21-03 | | | | | | | | | | |
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| 0 | EXAMINER INITIAL | | DOCUMENT NUMBER | DATE | NAME | CLASS | SUBCLASS | FILING DATE APPROPRIATE | Ţ | |
|---|---------------------|------|-----------------|-------|----------------|-------|----------|-------------------------|---|--|
| | 7 | · C1 | 5,352,660 | 10/94 | Pawson | 514 | 12 | 200 16 (| 7 | |
| | 2 | C2 | 5,364,791 | 11/94 | Vegeto et al. | 435 | 320.1 | 92 92 | 7 | |
| | 6 | СЗ | 5,369,028 | 11/94 | Harpold | 435 | 252.3 | 900 | | |
| | 5 | C4 | 5,378,603 | 01/95 | Brown et al. | 435 | 6 | | | |
| | | C5 | 5,384,243 | 01/95 | Gutkind et al. | 435 | 6 | | | |
| | 7 | C6 | 5,386,025 | 01/95 | Jay et al. | 536 | 23.5 | | | |
| | | C7 | 5,389,543 | 02/95 | Bunzow et al. | 435 | 252.3 | | | |

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FOREIGN PATENT DOCUMENTS

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OTHERS (including Author, Title, Date, Pertinent Pages, Etc.)

| | 00 | | | | | | | |
|---------|--|---|--|--|--|--|--|--|
| £~ | C8 | Fraser, Claire et al. "Cloning, Sequence Analysis, and Permanent Expression of A Human α_2 -Adrenergic Receptor In Chinese Hamster Ovary Cells," <i>The Journal of Biological Chemistry</i> 264(20):11754-11761 (1989) | | | | | | |
| 1 | C9_ | Fujita, N. et al. "Biosynthesis of the Torpedo californica Acetylcholine Receptor α Subunit in Yeast," Science 231:1284-1287 (1986) | | | | | | |
| 2 | C10 | George, Shaji et al. "Receptor Density and cAMP Acculation: Analysis In CHO Cells Exhibiting Stable Expression of A cDNA That Encodes The Beta ₂ -Adrenergic Receptor," <i>Biochemical and Biophysical Research Communications</i> 150(2):665-672 (1988) | | | | | | |
| 2 | C11- | Gubits, Ruth et. al. "Adrenergic Receptors Mediate Changes In c-FOS mRNA Levels In Brain," <i>Molecular Brian Research</i> 6:39-45 (1989) | | | | | | |
| 2 | C12- | Hadcock, John et al. "Down-Regulation of β-Adrenergic Receptors: Agonist-Induced Reduction In Receptor mRNA Levels," <i>Proc. Natl. Acad. Sci. USA</i> 85:5021-5025 (1988) | | | | | | |
| n | C13 | Hempstead, Barbara et al. "Expression of Functional Nerve Growth Factor Receptors After Gene Transfer," Science 243:373-375 (1989) | | | | | | |
| a | C14 | Huang, H. et al. "Functional Expression of Rat M5 Muscarinic Acetylcholine Receptor in Yeast," Biochemical and Biophysical Research Communications 182(3):1180-1186 (1992) | | | | | | |
| 1 | C15 | Jahng, Kwang-Yeop et al., "Mutations in a Gene Encoding the α Subunit of a Saccharomyces cerevisiae G Protein Indicate a Role in Mating Pheromone Signaling," <i>Molecular and Cellular Biology</i> 8(6):2484-2493 (1988) | | | | | | |
| 2 | Kang, Yoon-Se et al., "Effects of Expression of Mammalian Gα and Hybrid Mammalian-Yeast Gα Proteins on the Yeast Pheromone Response Signal Transduction Pathway," <i>Molecular and Cellular Biology</i> 10(6):2582-2590 (1990) | | | | | | | |
| | C17 | Kao, L. et al. "Interactions Between the Ankyrin Repeat-Containing Protein Akr1p and the Pheromone Response Pathway in Saccharomyces cerevisiae," <i>Molecular and Cellular Biology</i> 16(1):168-178 (1996) | | | | | | |
| Examine | r) | Date Considered 5-21-03 | | | | | | |

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| | 2 | D1 | 5,401,629 | 03/95 | Harpold et al. | 435 | 6 | 0 | | | | | |
| | V | D2 | 5,407,820 | 04/95 | Ellis et al. | 435 | 240.2 | | | | | | |
| | \ | D3 | 5,426,177 | 06/95 | Davis et al. | 530 | 395 | | _ | | | | |
| | 9 | D4 | 5,436,128 | 07/95 | Harpold et al. | 435 | 6 | | | | | | |
| | | D5 | 5,468,615 | 11/95 | Chio et al. | 435 | 7.2 | | | | | | |
| | 2 | D6 | 5,482,835 | 01/96 | King et al. | 435 | 6 | | | | | | |
| | | D7 | 5,576,210 | 11/96 | Sledziewski et al. | 435 | 254.21 | | | | | | |
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| | | D8 | • | | Yeast Mating Signal Transduction by a | a Mammalian (| 32 -Adrenerg | ic Recepto | or and | | | | |
| | w | D9 | | | 50:121-123 (1990) | - Casabarani | | no " TIDTE | -CU | | | | |
| | √ | 03 | 5:53-57 (1987) | | e Production of Mammalian Proteins in | n Saccharomy | ces cerevisia | ae, IIDIE | -UH | | | | |
| | 4 | D10 | | | unctional Activity and Regulation of Hu Journal of Biological Chemistry 262(| | | tors Expre | essed | | | | |
| | ~ | _D11 | | | egulation of Proto-Oncogenes In Rat Fick Receptors," <i>Experimental Cell Rese</i> | | | | only) | | | | |
| | 1 | D12 | | | east Operator Overlaps an Upstream | | | | | | | | |
| | - | D13 | Lefkowitz, Rob | ert J. et al. | "The New Biology of Drug Receptors, | " Biochemical | Pharmacolo | gy 38(18): | :2941- | | | | |
| | | | 3948 (1989) | | | | | | | | | | |
| | 9_ | D14 | | | Prolactin Stimulates Milk Protein Pron | | | sfected Wi | ith | | | | |
| | | D15 | | <u> </u> | " Molecular and Cellular Endrocrinology • Epinephrine to Cyclic AMP," Science | | | | | | | | |
| | | 1 | Ecvitzkii, 7 iloxa | naci, i ion | | | (1000) | | | | | | |
| | 0 | D16 | | | ort Communication: Isolation of a Nov | | oupled Rece | ptor (GPR | R4) | | | | |
| | 7 | D17 | | Localized to Chromosome 19q13.3," Genomics 30:84-88 (1995) | | | | | | | | | |
| | 2 | | | Marullo, Stefano et al., "Expression of Human β1 and β2 Adrenergic Receptors in <i>E. coli</i> as a New Tool for Ligand Screening," <i>Bio/Technology</i> 7:923-927 (1989) | | | | | | | | | |
| | 2 | D18 | Matsui, Toshin | nitsu et al. ' | Independent Expression of Human α | | | | - | | | | |
| | | | | Receptor cDNAs in a Naive Hematopoietic Cell Leads to Functional Coupling with Mitogenic and Chemotactic Signaling Pathways," <i>Proc. Natl. Acad. Sci. USA</i> 86:8314-8318 (1989) | | | | | | | | | |
| | | D19 | | | ence Requirements for Premature Tra | | | e First Int | ron of | | | | |
| | $\Gamma \nu$ | | | | folecular and Cellular Biology 11(5):28 | | | | | | | | |
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